

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

Work Order ID 142112***142112***

Page 2

Item ID: D3782-043

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Front, Outboard Leg Assembly, LH

Stop ***NS2***

Start Date: 3/4/2016 Start Qty: 2.00

2

Cust Item ID:

Required Date: 3/10/2016 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

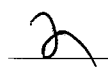
Identify as per dwg & Stock Location:  0.00***130***

Packaging

Memo

0.00

Packaging

 APR 08 2016DAS
6
9-89

140

QC21 - Final Inspection - Work Order Release 0.00

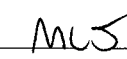
140

QC

Memo

0.00

Quality Control

 APR 11 2016

APR 11 2016



DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

February 26, 2016 10:19:11 AM

Page 1

Work Order ID: 142112

142112

Parent Item: D3782-043

D3782-043

Parent Item Name: Front, Outboard Leg Assembly, LH

Start Date: 3/4/2016

Required Date: 3/10/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 08-05-19 new issue DD verified by:ec
IPP Rev:B 08-06-17 rev.A as per dwg DD verified by:EC IPP Rev:C
10.02.22 revB as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3768-3		Manufactured	No			110	Each	3.0000	1	2			
D3768-3									**		FF	APR 07 2016	
Front Outboard Leg, LH													
				<u>Location</u>				<u>Loc Qty</u>					
				ST252				3					
				104317				3		<u>2</u>			
D3787-1		Manufactured	No			110	Each	19.0000	1	2			
D3787-1									**		FF	APR 07 2016	
Foot													
				<u>Location</u>				<u>Loc Qty</u>					
				ST253				19					
				123684				19		<u>2</u>			
D3762-041		Manufactured	No			110	Each	4.0000	1	2			
D3762-041									**		FF	APR 07 2016	
Front Leg Fitting Assembly													
				<u>Location</u>				<u>Loc Qty</u>					
				ST251				4					
				128775				4		<u>2</u>			
AN45-13A		Purchased	No			110	Each	8.0000	2	4			
AN45-13A									**		FF	APR 07 2016	
EYE BOLT													
				<u>Location</u>				<u>Loc Qty</u>					
				GA				3					
				m126293				3		<u>2</u>			
				ST339				5					
				m131481				5		<u>1</u>			

Picklist Print

February 26, 2016 10:19:11 AM

Page 2

Work Order ID: 142112

Parent Item: D3782-043

Parent Item Name: Front, Outboard Leg Assembly, LH

142112

D3782-043

Start Date: 3/4/2016

Required Date: 3/10/2016

Start Qty: 2.00

Required Qty: 2.00

MS21042L5

Purchased

No

110

Each

523.0000

2

4

MS21042L5

Nut

FF APR 07 2016

Location

Loc Qty

Loc Code

GA

146

m127813

146

ST303

377

m134055

377

NAS1149D0563J

Purchased

No

110

Each

1,324.000

2

4

NAS1149D0563J

Washer

FF APR 07 2016

Location

Loc Qty

Loc Code

GA

309

m125807

14

m133769

295

ST263

912

m133363

14

m133938

11

m133990

387

m134257

500

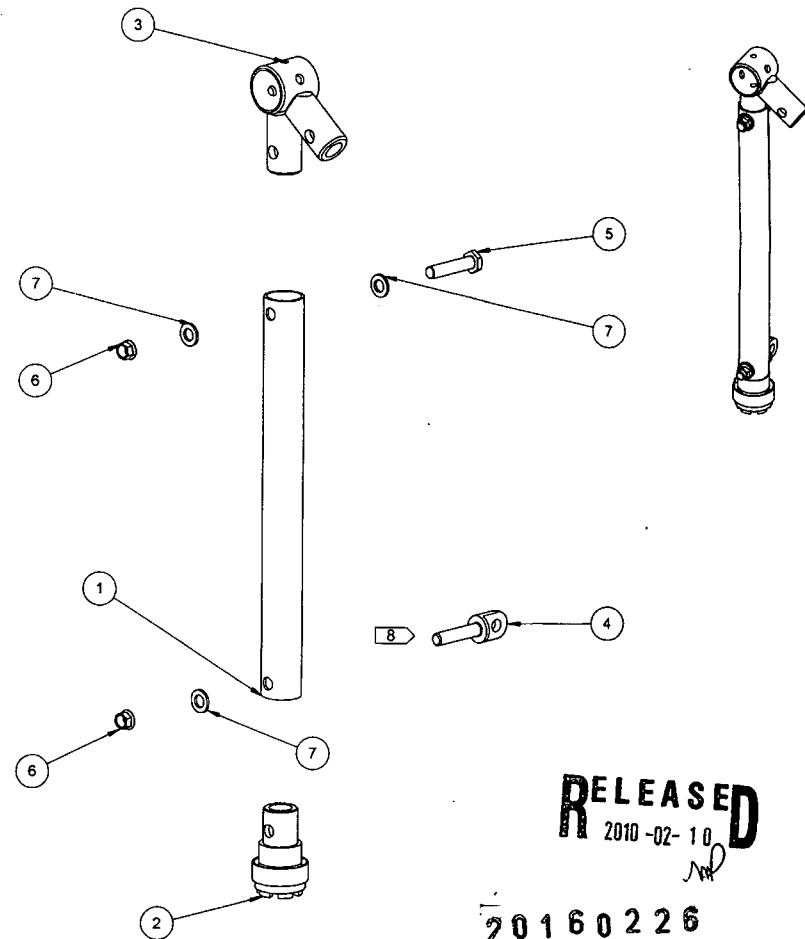
ST269

103

m128257

103

ITEM NO.	QTY. (-041)	PART NUMBER	DESCRIPTION
1	1	D3768-1	FRONT INBOARD LEG
2	1	D3787-1	FOOT
3	1	D3762-041	FRONT LEG FITTING ASSY
4	1	AN45-13A	EYE BOLT
5	1	AN5-13A	BOLT
6	2	MS21042L5	NUT
7	3	NAS1149D0563J	WASHER (AN960JD516)



D3782-041 FRONT INBOARD LEG ASSEMBLY

NOTES:

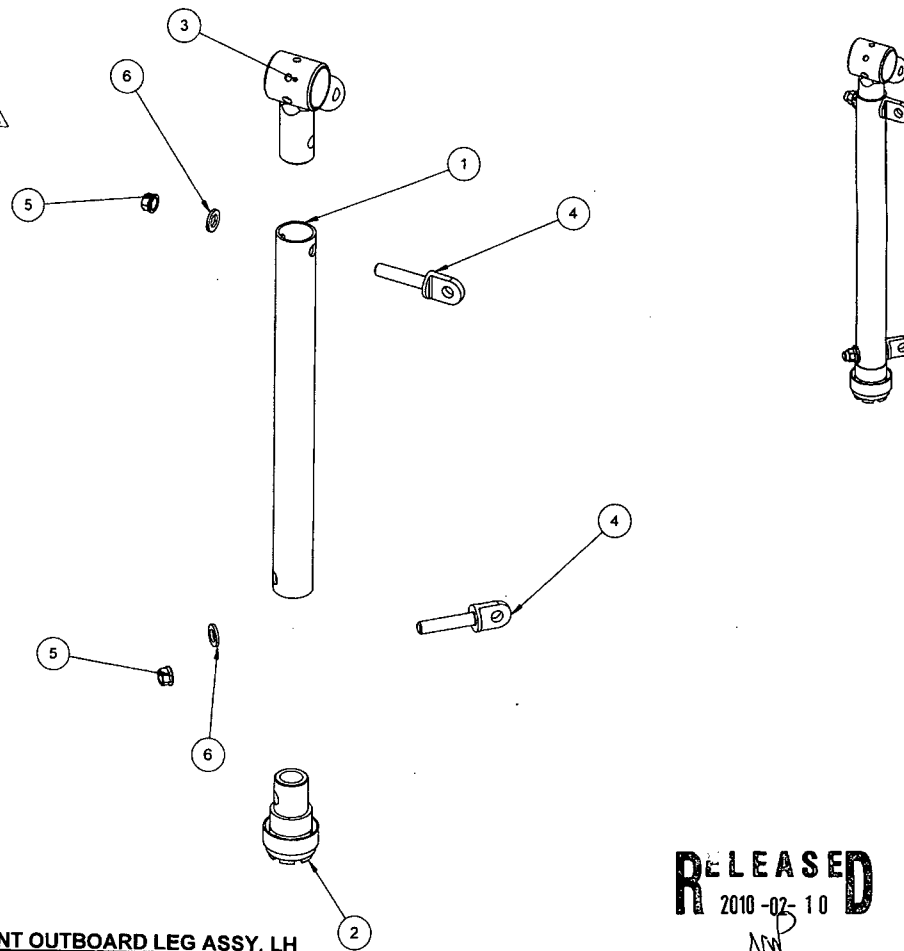
- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.42 lbs
- 8) ITEM 4 (AN45-13A EYE BOLT) INSTALLED AS SHOWN FOR D412-769-041 AFT FACING SEAT, LH
INSTALLED IN REVERSE FOR D412-769-042 AFT FACING SEAT, RH

RELEASED
2010-02-10

20160226

B	REVISE P/N NAS1149D0568J TO NAS1149D0563J ALL SHEETS, ZN D7	10.01.21
A	NEW ISSUE	08.06.04
REV.	DESCRIPTION	BY DATE
DESIGN	DESIGNER	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D3782 TITLE LEG ASSEMBLY SCALE NTS
CHECKED	CHECKER	
MFG. APPR.	MFG. APPR.	
APPROVED	APPROVED	
DE APPR.	DE APPR.	
DATE	10.01.21	REV. B SHEET 1 OF 4 COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

ITEM NO.	QTY. (-043)	PART NUMBER	DESCRIPTION
1	1	D3768-3	FRONT OUTBOARD LEG, LH
2	1	D3787-1	FOOT
3	1	D3762-041	FRONT LEG FITTING ASSY
4	2	AN45-13A	EYE BOLT
5	2	MS21042L5	NUT
6	2	NAS1149D0563J	WASHER (AN960JD516)



D3782-043 FRONT OUTBOARD LEG ASSY, LH

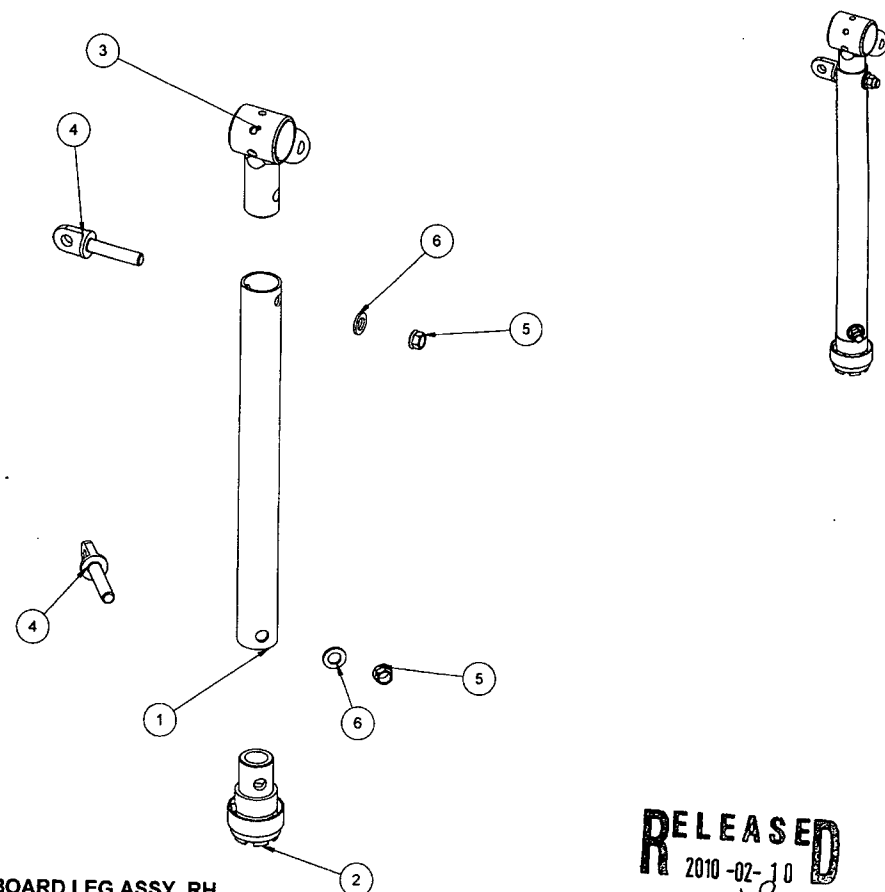
RELEASED
2010-02-10
JW

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.42 lbs

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3782	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		LEG ASSEMBLY	NTS
DATE	10.01.21	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. ANY DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM NO.	QTY. (-044)	PART NUMBER	DESCRIPTION
1	1	D3768-4	FRONT OUTBOARD LEG, RH
2	1	D3787-1	FOOT
3	1	D3762-041	FRONT LEG FITTING ASSY
4	2	AN45-13A	EYE BOLT
5	2	MS21042L5	NUT
6	2	NAS1149D0563J	WASHER (AN960JD516)



D3782-044 FRONT OUTBOARD LEG ASSY, RH

RELEASED
2010-02-10

NOTES:

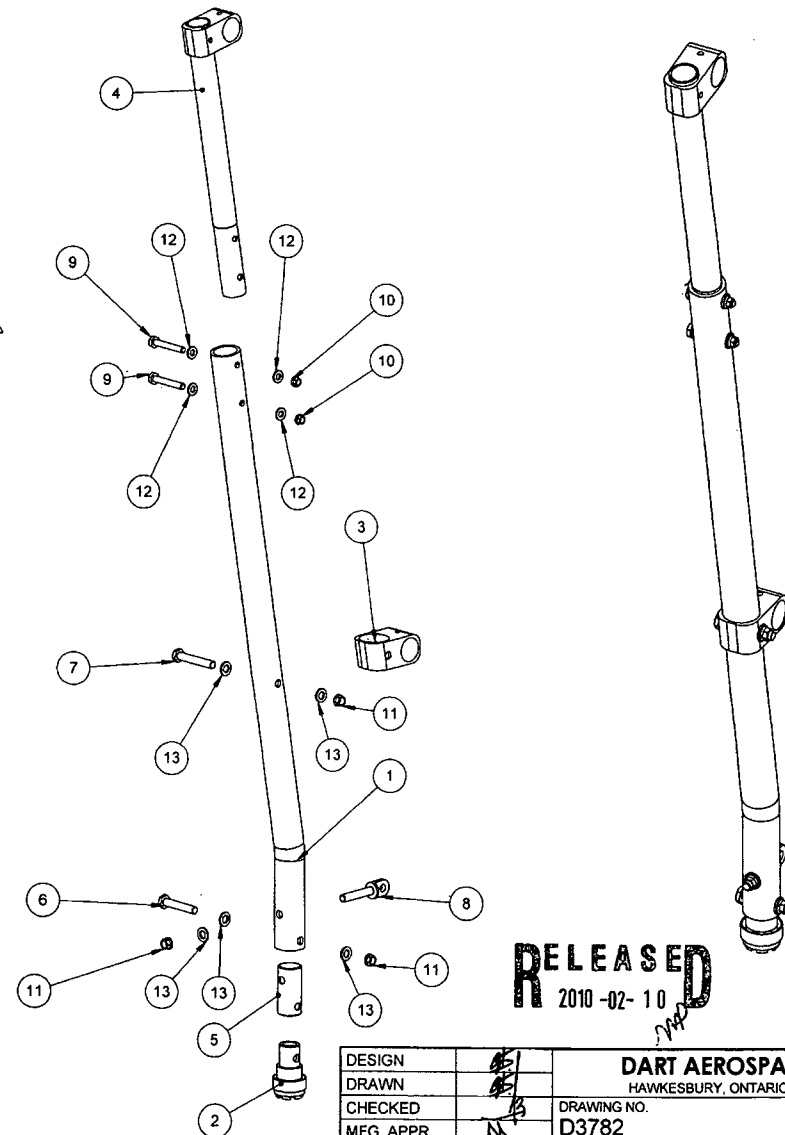
- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.42 lbs

DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. D3782
MFG. APPR.		REV. B
APPROVED		SHEET 3 OF 4
DE APPR.		SCALE
DATE	10.01.21	TITLE LEG ASSEMBLY
		NTS

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ITEM NO.	QTY. (-045)	PART NUMBER	DESCRIPTION
1	1	D3772-1	BACK LEG
2	1	D3787-1	FOOT
3	1	D3764-1	BACK LEG FITTING
4	1	D3773-041	HEAD REST ADAPTER ASSY
5	1	D3786-1	SLEEVE
6	1	AN5-15A	BOLT
7	1	AN5-17A	BOLT
8	1	AN45-15A	EYE BOLT
9	2	AN4-15A	BOLT
10	2	MS21042L4	NUT
11	3	MS21042L5	NUT
12	4	NAS1149D0463J	WASHER (AN960JD416)
13	5	NAS1149D0563J	WASHER (AN960JD516)

D3782-045 BACK LEG ASSY



NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 4.71 lbs

RELEASED
2010-02-10

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DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3782	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		LEG ASSEMBLY	NTS
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